#11/2.05 Sheet 1 of 1 Serial No. 09/898,417 Group 1636 1635 Subclass Filing Date if Appropriate VED. MAY 0 8 2003 TECH CENTER 1600/2900

Atty. Docket No. Form PTO-1449 U.S. Department of Commerce 0575/65219-**Patent and Trademark Office** A/JPW/PJP/PL PEINE RMATION DISCLOSURE CITATION Applicants Michael Rosen, et al (Use several sheets if necessary) MAY 0 6 2003 Filing Date July 3, 2001 U.S. PATENT DOCUMENTS Examiner Examiner Date Class **Document Number** Name Initial 4/10/01 Fermini, et al BH 514 (Exhibit 3) FOREIGN PATENT DOCUMENTS Translation **Document Number** Date **Country** Class **Subclass** Yes No 47FD DN 10/26/00 PCT (Exhibit 4) OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) U.S. Application Publication No. 2002/0155101, published October 24, 2002, Donahue, et al. BW (Exhibit 5) U.S. Application Publication No. 2002/0103147, published August 1, 2002, Hammond, et al. (Exhibit 6) DATE CONSIDERED EXAMINER B

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> Applicants: Michael R. Rosen, et al. U.S. Serial No.: 09/898,417

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Serial No. 09/898,417

INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)

Applicants Michael Rosen, et al

Filing Date
July 3, 2001

Group 1635

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0	\	Altomare C, et al., "Integrated allosteric model of voltage gating of HCN channels," <i>J Gen Physiol</i> , (2001) 117(6):519-32. (Exhibit 5)
		Altomare C, et al., "Allosteric Voltage-Dependent Gating of HCN Channels," (abstract) (Exhibit 6)
		DiFrancesco, D. "Generation and control of cardiac pacing: the pacemaker current," <i>Trends Cardiovasc. Med</i> , (1991), 1:250-255. (Exhibit 7)
		Ellingsen, O. et al., "Adult rat ventricular myocytes cultured in defined medium: phenotype and electromechanical function," <i>Am. J. Physiol</i> , (1993), 265(2): 747-754. (Exhibit 8)
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		Shi W. et al., "The distribution and prevalence of HCN isoforms in the canine heart and their relation to the voltage dependence of I _f ." (Exhibit 10)
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6	3	Michael R. Rosen, et al., "A High Throughput Biological Heart Rate Monitor That is Molecularly Determined," U.S. Serial No. 09/875,392, filed June 6, 2001 (Exhibit 13)
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Sheet 1 of 2 Atty. Docket No. Form PTO-1449 U.S. Department of Commerce Serial No. 0575/65219-09/898,417 Patent and Trademark Office A/JPW/PJP/PL Applicants INFORMATION DISCLOSURE CITATION Michael Rosen, et al (Use several sheets if necessary) Filing Date Group **July 3, 2001** 1635 U.S. PATENT DOCUMENTS Date Name Class Subclass Filing Date **Document Number** Examiner Initial if Appropriate FOREIGN PATENT DOCUMENTS Class Subclass Translation **Document Number** Date Country Yes No OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) Abbot G.W. et al., "MiPR1 forms Ikr potassium channels with HERG and is associated with cardiac arrhythmia cell," (1999), 97(2):175-187. (Exhibit 2) Accili E.A. et al., "Properties and modulation of I_f in newborn versus adult cardiac SA node," Am. J. Physiol, (1991), 272:1549-1552. (Exhibit 3) Accili E.A. et al., "Differential control of the hyperpolarization-activated current (I_f) by

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intracellular cAMP and phosphates inhibition," J. Physiol, (1996) 491:115. (Exhibit 4)

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Exhibit 1